

FIG. 3

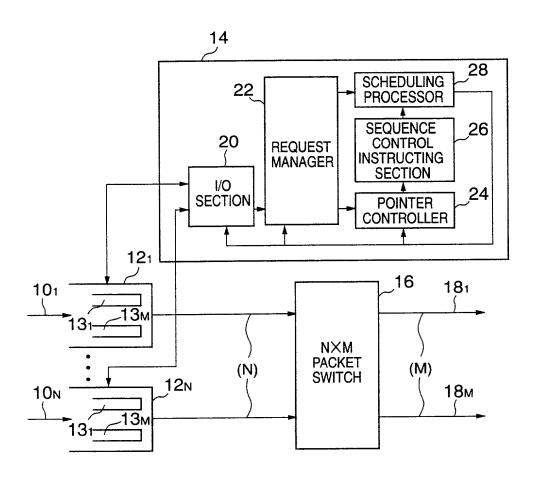


FIG. 4

2ND 3RD 4TH 3ITY PRIORITY PRIORITY	3 0 1 2	0 1 2 3	1 2 3 0	2 3 0 1	PATTERN P4
1ST PRIORITY	,]	
PHIORITY		2	3	0	
≥⊦					l P3
A PRIORIT	0	Τ	2	ო	ERN
98	က	0		2	PATTERN P3
1ST 2ND 3RD PRIORITY PRIORITY PRIORI	2	ဗ	0	-	Ъ,
					1
고 B	0	Į,	2	3	72
380 PRIORI	ო	0	-	2	PATTERN P2
	2	က	0	-	
1ST 2ND 3RD 4TH PRIORITY PRIORITY PRIORITY	-	2	က	0	/d
찬 쭕					1
Jami'			·	,	1
7 PRIOF	က	0	_	7	21
3RD PRIORI	2	က	0	-	I NH
1ST 2ND 3RD PRIORITY PRIORITY	ŀ	2	3	0	PATTERN P
2 JRITY P	0	-	2	က	a.
1ST PRIK	INPUT LINE I#0 0 1	INPUT LINE i#1	INPUT LINE i#2 2	INPUT LINE #3	•

SCHEDULING CYCLE C1

HIGHEST PRIORITY INPUT LINE = 2

HIGHEST PRIORITY OUTPUT LINE(0#2) = 0HIGHEST PRIORITY OUTPUT LINE(0#0) = 2 HIGHEST PRIORITY OUTPUT LINE(0#1) = 3 HIGHEST PRIORITY OUTPUT LINE(0#3) = 1

INPUT LINE #2-OUTPUT LINE 0#0 PATTERN WHICH PROCESSES WITH 1ST PRIORITY PROCESSING SEQUENTIAL PATTERN = P3

SCHEDULING CYCLE C2

HIGHEST PRIORITY INPUT LINE = 0

HIGHEST PRIORITY OUTPUT LINE(0#0) = 0HIGHEST PRIORITY OUTPUT LINE(0#1) = 3 HIGHEST PRIORITY OUTPUT LINE(0#3) = 2 HIGHEST PRIORITY OUTPUT LINE(0#2) = 1

INPUT LINE i#0-OUTPUT LINE o#0 PATTERN WHICH PROCESSES WITH 1ST PRIORITY PROCESSING SEQUENTIAL PATTERN = P1

SCHEDULING CYCLE C3

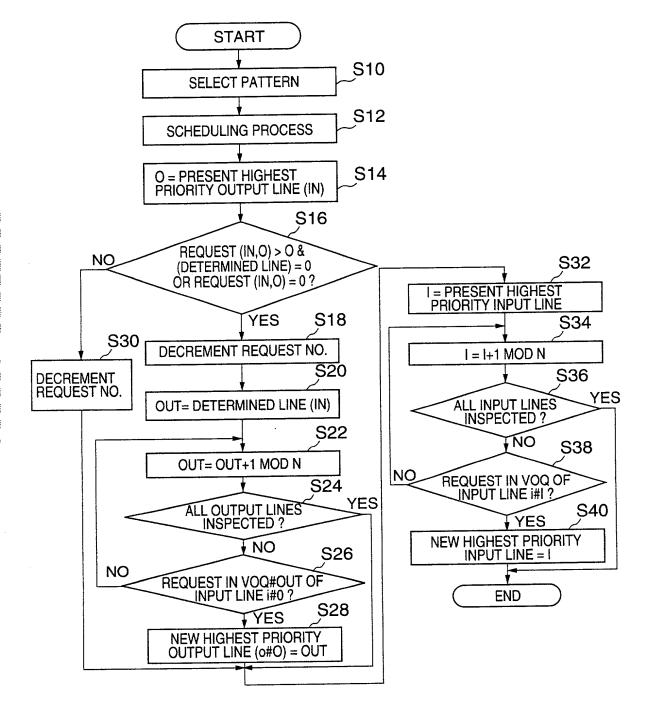
HIGHEST PRIORITY INPUT LINE = 3

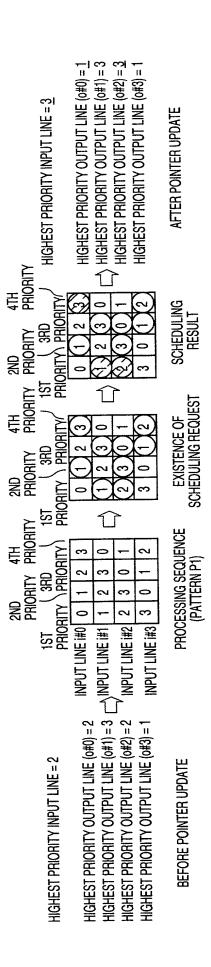
HIGHEST PRIORITY OUTPUT LINE(0#2) = 3 HIGHEST PRIORITY OUTPUT LINE(0#1) = 3 HIGHEST PRIORITY OUTPUT LINE(0#3) = $\frac{2}{3}$ HIGHEST PRIORITY OUTPUT LINE(0#0) = 1



INPUT LINE #3-OUTPUT LINE 0#2 PATTERN WHICH PROCESSES WITH 1ST PRIORITY PROCESSING SEQUENTIAL PATTERN = P4

FIG. 6





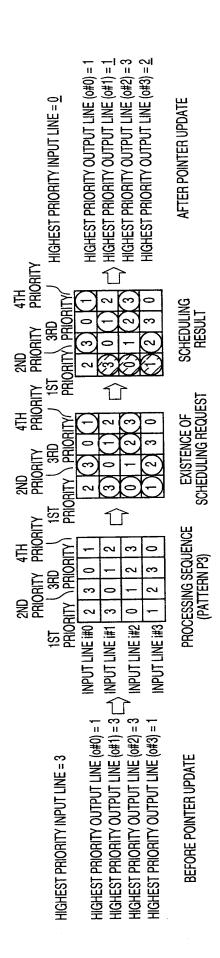
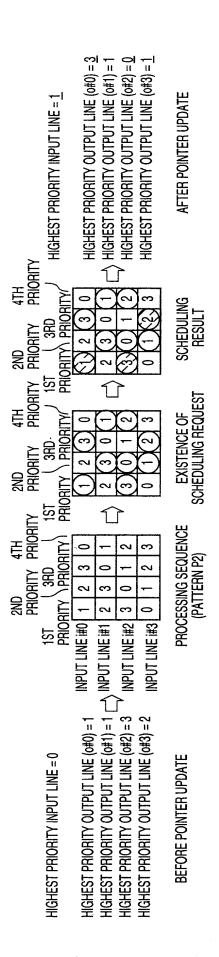


FIG. 9



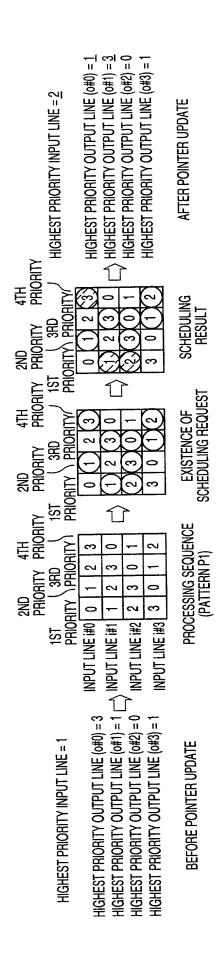


FIG. 11

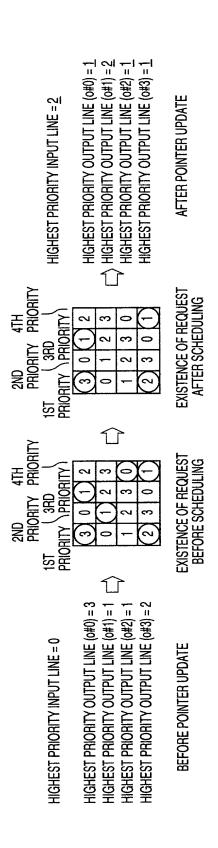


FIG. 12

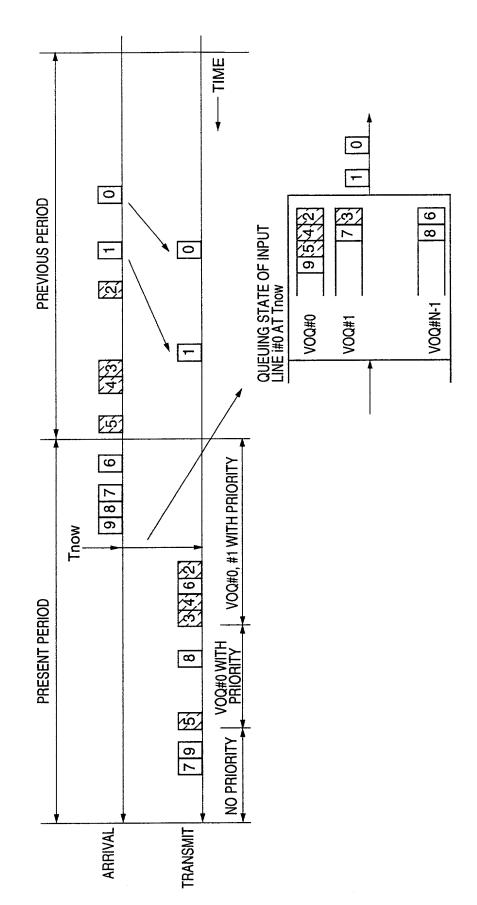


FIG. 13

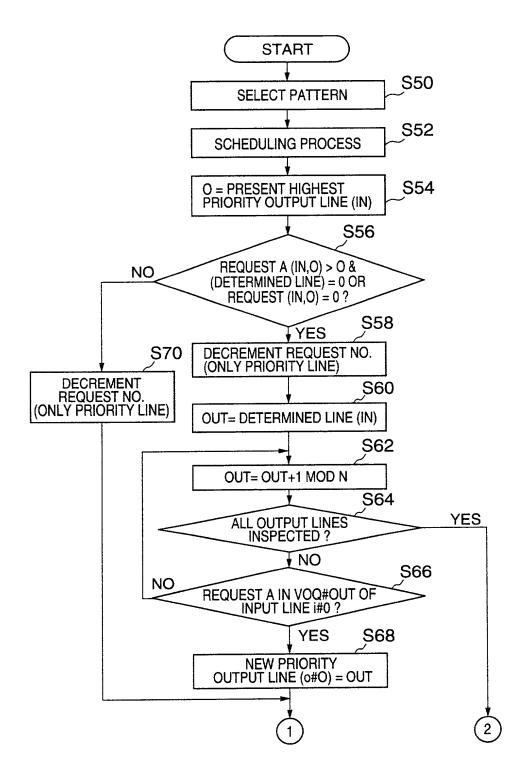


FIG. 14

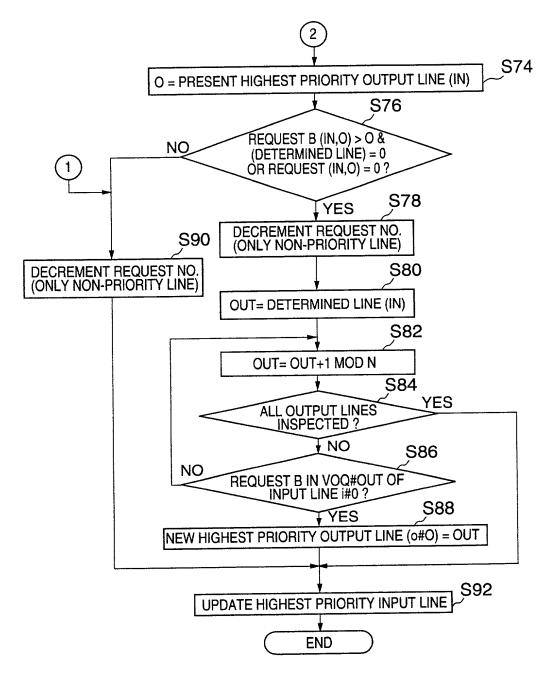


FIG 15

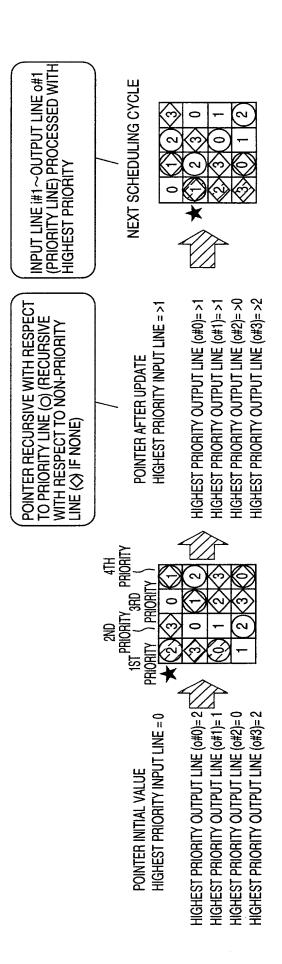


FIG. 16

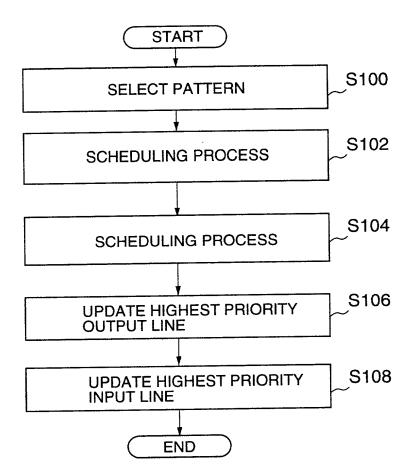


FIG. 17

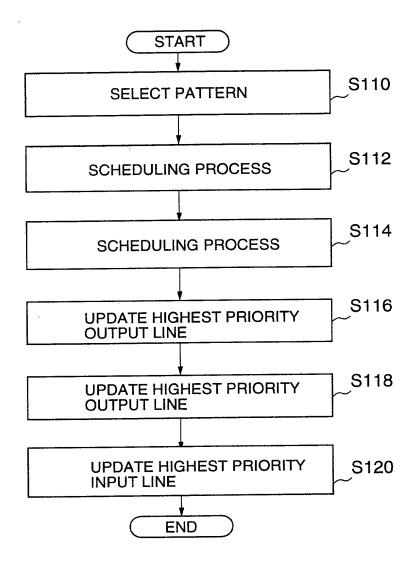


FIG. 18

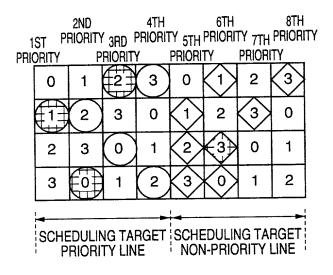


FIG. 19

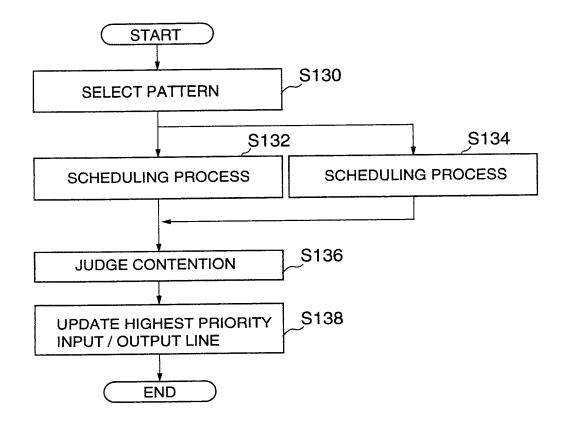
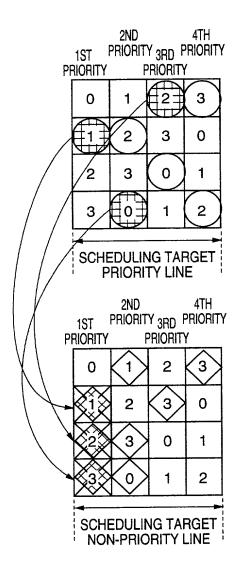


FIG. 20



OUTPUT LINE 0#0 FIG. 21 SW VOQ#0 SGRP#0 VOQ#0 SGRP#0 **②**· SGRP#1 SGRP#1 VOQ#N-1 VOQ#N-1 INPUT LINE i#N-1 INPUT LINE i#N0

FIG. 22

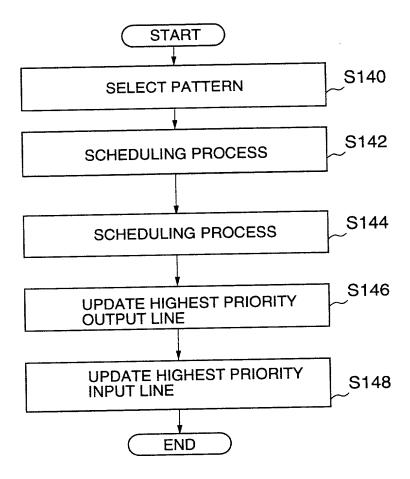


FIG. 23

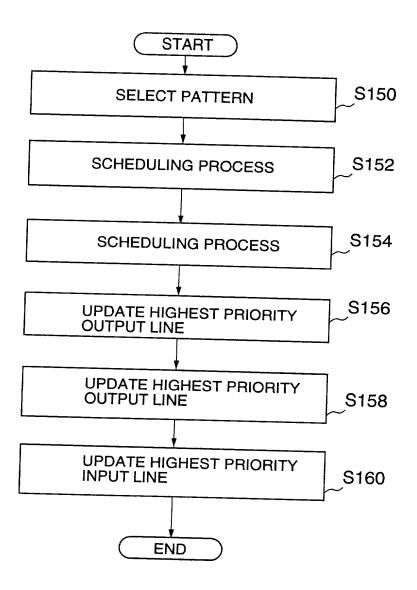


FIG. 24

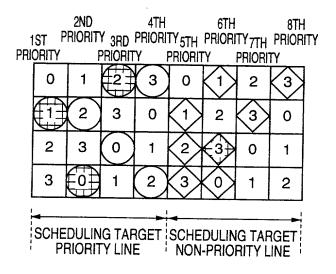


FIG. 25

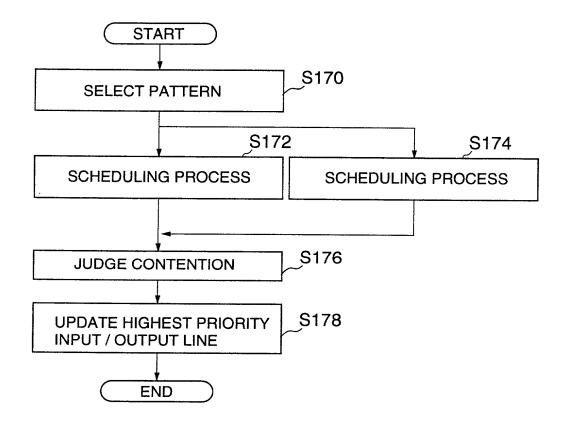


FIG. 26

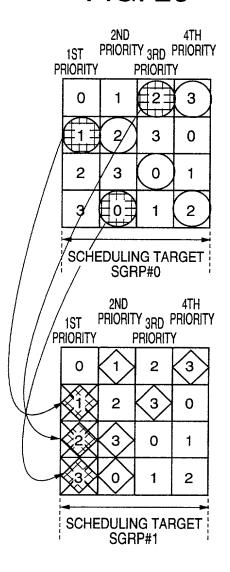


FIG. 27

₹	T JORITY F	ND PRIORITY	1ST 2ND 3RD PRIORITY PRIORIT	4TH FY PRIORI	HI.	1ST PRIORITY	2ND PRIORIT	3RD Y PRIOR	1ST 2ND 3RD 4TH PRIORITY PRIORITY PRIORITY	1ST 2N PRIORITY PI	2ND 3RD IY PRIORITY PRIORITY	JRD PRIORIT	4TH TY PRIORITY	PRIOF	==	2ND 3RD TY PRIORITY PRIORITY	OF FIORITY	4TH Y PRIORIT
OUTPUT LINE 0#0 0 1	0	-	2	3		-	2	3	0	2	3	0	-		3	0	-	2
OUTPUT LINE 0#1	-	7	2 3	0		2	3	0	-	3	0		2		0	-	2	3
OUTPUT LINE 0#2 2 3 0	2	3	0	-		3	0	-	2	0	1	2	3		-	2	3	0
OUTPUT LINE 0#3 3 0	ဗ	0	-	2		0	-	2	ဗ	1	2	3	0		2	3	0	-
	<u>a</u>	ATTE	PATTERN P	7			PATTERN P2	ERN	P2	/А	PATTERN P3	RN P	က		PA.	PATTERN P4	'd N≧	4

SCHEDULING CYCLE C1

HIGHEST PRIORITY OUTPUT LINE = $\frac{2}{3}$

HIGHEST PRIORITY INPUT LINE(i#0) = 2 HIGHEST PRIORITY INPUT LINE(i#1) = 3 HIGHEST PRIORITY INPUT LINE(i#2) = <u>0</u> HIGHEST PRIORITY INPUT LINE(i#3) = 1

PATTERN WHICH PROCESSES OUTPUT LINE o#2-INPUT LINE i#0 WITH 1ST PRIORITY PROCESSING SEQUENTIAL PATTERN = P3

SCHEDULING CYCLE C2

HIGHEST PRIORITY OUTPUT LINE = $\underline{0}$

HIGHEST PRIORITY INPUT LINE(i#0) = 0 HIGHEST PRIORITY INPUT LINE(i#1) = 3 HIGHEST PRIORITY INPUT LINE(i#2) = 1 HIGHEST PRIORITY INPUT LINE(i#3) = 2

PATTERN WHICH PROCESSES
OUTPUT LINE 0#0-INPUT LINE i#0
WITH 1ST PRIORITY

PROCESSING SEQUENTIAL PATTERN = P1

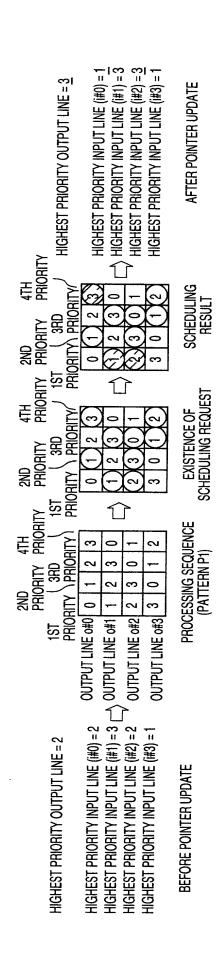
SCHEDULING CYCLE C3

HIGHEST PRIORITY OUTPUT LINE = 3

HIGHEST PRIORITY INPUT LINE(#0) = 1 HIGHEST PRIORITY INPUT LINE(#1) = 3 HIGHEST PRIORITY INPUT LINE(#2) = 3 HIGHEST PRIORITY INPUT LINE(#3) = 2



PROCESSING SEQUENTIAL PATTERN = P4



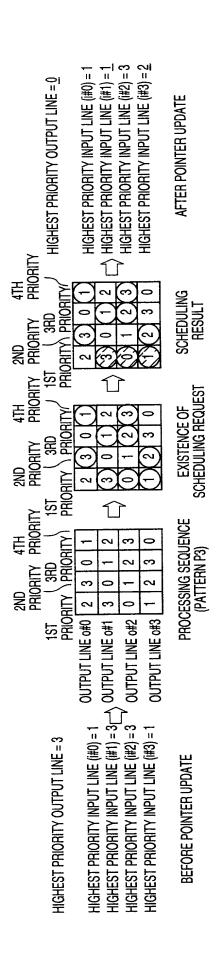
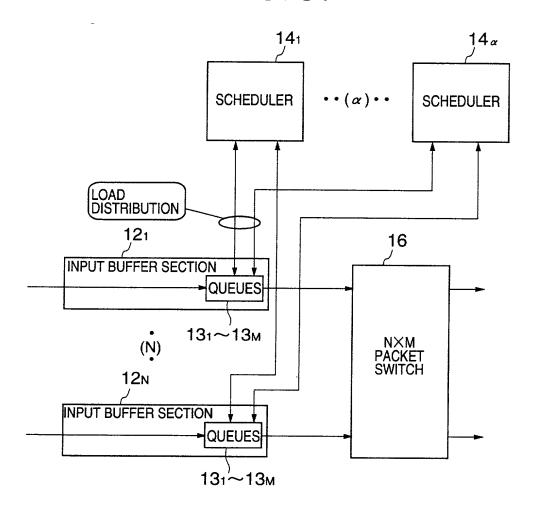


FIG. 31



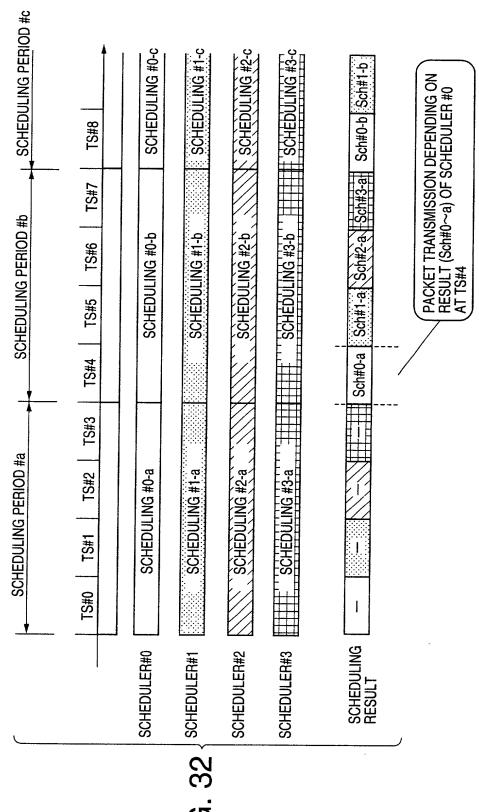


FIG. 32